Replacement of Glass and Seals on Kadant Johnson Through-Flow Style Sight Flow Indicators

Follow your company’s safety procedures whenever working on Kadant Johnson products. Read all of the instructions before proceeding with installation or repair.

Please refer to the Kadant Johnson assembly drawings for part identification. Assembly drawings are available on request from Kadant Johnson.

Tighten all fasteners in a star pattern. Torque specifications are listed on the product assembly drawing and are available from Kadant Johnson.

**STEP 1.**
Make sure all pressure is shut off to indicator.

**STEP 2.**
Using a spanner wrench, unscrew the retainer ring. (See size and spread of spanner holes in table at right.)

**STEP 3.**
Remove and discard the two seals and glass tube.

**STEP 4.**
Clean all sealing surfaces.

**STEP 5.**
Install new seals and glass tube as shown in the exploded view above. Make sure the glass is centered and does not contact the body. Replace retainer ring and tighten carefully to the torque values listed below.

*Not recommended for condensate service above 75 psig.*

<table>
<thead>
<tr>
<th>Indicator Size</th>
<th>Torque (ft–lb)</th>
<th>Spanner Holes Size</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>1”</td>
<td>45</td>
<td>1/4”</td>
<td>1 1/4”</td>
</tr>
<tr>
<td>1 1/4”</td>
<td>45</td>
<td>1/4”</td>
<td>1 1/2”</td>
</tr>
<tr>
<td>1 1/2”</td>
<td>45</td>
<td>1/4”</td>
<td>2”</td>
</tr>
<tr>
<td>2”</td>
<td>45</td>
<td>1/4”</td>
<td>2 5/16”</td>
</tr>
<tr>
<td>3”</td>
<td>55</td>
<td>1/4”</td>
<td>3 1/4”</td>
</tr>
</tbody>
</table>

The Kadant Johnson Warranty
Kadant Johnson products are built to a high standard of quality. Performance is what you desire: that is what we provide. Kadant Johnson products are warranted against defects in materials and workmanship for a period of one year after date of shipment. It is expressly understood and agreed that the limit of Kadant Johnson’s liability shall, at Kadant Johnson’s sole option, be the repair or resupply of a like quantity of non-defective product.